

|   |                        |   |
|---|------------------------|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><i>(Only for new nonprovisional applications<br/>under 37 CFR 1.53(b))</i> | Attorney Docket No.    | <b>10113321</b>   |
|   | First Inventor         | <b>Tse-Yao HUANG</b>  |
|   | Title                  | <b>METHOD OF FORMING<br/>GEOMETRIC DEEP TRENCH<br/>CAPACITORS</b> |
|   | Express Mail Label No. | <b>ER 499 327 452 US</b>  |

U.S. PTO  
 17302  
 10/727924  
 120403

ADDRESS TO:  
 Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

### APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form  
*(Submit an original and a duplicate for fee processing)*
2. ☐ Applicant claims small entity status.  
*See 37 CFR 1.27.*
3. ☒ Specification [Total Pages: 18 ]
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets: 8 ]
5. ☒ Oath or Declaration [Total Pages: 2 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i. ☐ DELETION OF INVENTOR(S)  
 Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☒ Combined with Power of Attorney
6. ☐ Application Data Sheet.  
*See 37 CFR 1.76*
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
  - a. ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
  - a. ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*

15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

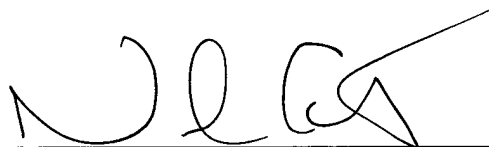
|   |   |
|---|---|
| This application is a<br><br><input type="checkbox"/> Continuation<br><input type="checkbox"/> Divisional<br><input type="checkbox"/> Continuation-in-part (CIP)<br><br>of prior application No.: | Prior application information<br><br>Examiner:<br><br>Art Unit: |
|---|---|

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

19. CORRESPONDENCE ADDRESS

Customer Number: **34,283**

Dated: **December 4, 2003**



Nelson A. Quintero  
Registration No. 52,143  
Customer No. 34,283

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|   |                        |   |
|---|------------------------|---|
| <b>PATENT APPLICATION FEE TRANSMITTAL</b> | Attorney Docket No.    | <b>10113321</b>   |
|   | First Inventor         | <b>Tse-Yao HUANG</b>                                      |
|   | Title                  | <b>METHOD OF FORMING GEOMETRIC DEEP TRENCH CAPACITORS</b> |
|   | Express Mail Label No. | <b>ER 499 327 452 US</b>                                  |

**1. Assertion of Small Entity Status**

☐ Applicant claims small entity status. 37 C.F.R. § 1.27.

**2. Filing Fee Calculation**

A. ☒ Utility filing fee

| BASIC FEE AND EXTRA CLAIMS FEES                    |                 |       |              |   |                 |                                  |
|--|-----------------|-------|--------------|---|-----------------|----------------------------------|
|  | Number<br>filed |       | Number Extra |   | Rate<br>(SE/LE) | Basic Fee 37 C.F.R.<br>§ 1.16(a) |
|  |                 |       |              |   |                 | \$ <b>770</b>                    |
| Total Claims<br>(37 C.F.R. 1.16(c))                | <b>24</b>       | -20 = | <b>4</b>     | x | <b>9/18</b>     | \$ <b>72</b>                     |
| Independent Claims (37<br>C.F.R. 1.16(b))          | <b>2</b>        | -3 =  | <b>0</b>     | x | <b>43/86</b>    | \$ <b>0</b>                      |
| Multiple Dependent<br>Claim(s) (37 C.F.R. 1.16(d)) |                 |       |              | + | <b>145/290</b>  | \$                               |
| Filing Fee Calculation \$                          |                 |       |              |   |                 | <b>842</b>                       |

B. ☐ Design filing fee

Filing Fee Calculation \$

C. ☐ Provisional filing fee

Filing Fee Calculation \$

**3. Fee Payment Being Made at This Time**

☒ Filing Fee \$ **842**

☐ Recording assignment (37 C.F.R. 1.21(h)) \$

☐ Other fee: \$

**TOTAL AMOUNT OF PAYMENT** \$ **842**

**4. Method of Payment of Fees**

☐ Check

☒ Deposit Account No. 502447 (Name: Nelson A. Quintero). The director is authorized to:

☒ Charge the fee(s) indicated above.

☒ Charge any additional fee(s) or underpayment of fee(s) or credit any overpayments(s).

Dated: **December 4, 2003**



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